

# WEST Search History





DATE: Thursday, August 02, 2007

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L121	L120 and (spin or proton or fat or water or hydrogen or "C")	17
<input type="checkbox"/>	L120	L119 and (frequency)	17
		L118 and (((edge or peripheral or periphery or peripherally or outer or outside or border or boundary) same ((center or central or centrally or centered or middle or inner or inside or origin) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z" or raw))) same (first or primary or initial or beginning or begin or starting or start) same (two or "more than two" or "at least two" or another or additional or second or secondary or different or separate or respective or independent or individual or distinct) same (frequency or "f" or "freq"))	17
<input type="checkbox"/>	L119	L117 and ((two or "more than two" or "at least two" or second or additional or another or secondary or auxiliary or different or separate or respective or independent or individual or distinct) same ((resonance\$2) with (frequency)))	4269
<input type="checkbox"/>	L118	L116 and (((first or primary or initial or start\$3 or water or fat or proton) same ((resonance\$2) with (frequency)))	5431
<input type="checkbox"/>	L117	L1 and ((resonance\$2) with (frequency))	13866
		L114 and (((edge or peripheral or periphery or peripherally or outer or outside or border or boundary) same ((center or central or centrally or centered or middle or inner or inside or origin) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z" or raw))) same (first or primary or initial or beginning or begin or starting or start) same (two or "more than two" or "at least two" or another or additional or second or secondary or different or separate or respective or independent or individual or distinct) same ((resonance\$2) with (frequency)))	6
<input type="checkbox"/>	L115	L113 and (((first and second or additional or another or primary or secondary or auxiliary or different or separate or distinct or individual) same ((resonance\$2) with (frequency)))	223
<input type="checkbox"/>	L114	L8 and ((resonance\$2) with (frequency))	421
		L111 and (((edge or peripheral or periphery or peripherally or outer or outside or border or boundary) same ((center or central or centrally or centered or middle or inner or inside or origin) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z" or raw))) same (first or primary or initial or beginning or begin or starting or start) same (two or "more than two" or "at least two" or another or additional or second or secondary or different or separate or respective or independent or individual or distinct) same (frequency or "f" or "freq"))	7
<input type="checkbox"/>	L112	L110 and (((pulse) with (sequence or train)) same (first or primary or initial or beginning or begin or starting or start) same (two or "more than two" or "at least two" or another or additional or second or secondary or different or separate or respective or independent or individual or distinct) same (frequency or "f" or "freq"))	59
<input type="checkbox"/>	L111	L108 and (((pulse) with (sequence or train)) same (((first or primary or initial or beginning or begin or starting or start) same (frequency or "f" or "freq")) same ((two or "more than two" or "at least two" or another or additional or second or secondary or different or separate or respective or independent or individual or distinct) same (frequency or "f" or "freq"))))	59
<input type="checkbox"/>	L110		

┐	L109	L108 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	6
┐	L108	L107 and (proton or "h" or hydrogen or water or oil or lipid or fat "13" or "c" or carbon or nuclei or "h2O" or "h.sub.2O" or "ESR" or electron or flourine or phosphorus or "fl" or "p")	187
┐	L107	L106 and ((combining or combine or combined or add or adding or added or addition or suming or summation or summing or sumed or summed or combination) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z" or raw))	191
┐	L106	L105 and ((kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z" or raw) same (data or signal or echo))	241
┐	L105	L104 and (data or signal or echo)	250
┐	L104	L103 and ((edge or peripheral or periphery or peripherally or outer or outside or border or boundary) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z" or raw))	252
┐	L103	L102 and ((center or central or centrally or centered or middle or inner or inside or origin) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z" or raw))	371
┐	L102	L101 and (((first or primary or initial or begining or begin or starting or start) same (frequency or "f" or "freq"))) same ((two or "more than two" or "at least two" or another or additional or second or secondary or different or separate or respective or independent or individual or distinct) same (frequency or "f" or "freq")))	944
┐	L101	L100 and ((full or complete ot total or entire or entirety or fully or commpletely or totally or fill or filling or filled or completion or completing) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z" or raw))	1111
┐	L100	L99 and (full or complete ot total or entire or entirety or fully or commpletely or totally or fill or filling or filled or completion or completing)	4223
┐	L99	L98 and (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3 or region or zone or area)	4396
┐	L98	L97 and ((first or primary or initial or begining or begin or starting or start) same (frequency or "f" or "freq"))	4400
┐	L97	L96 and (center or central or centrally or centered or middle or inner or inside or origin)	7198
┐	L96	L95 and (edge or peripheral or periphery or peripherally or outer or outside or border or boundary)	7893
┐	L95	L94 and ((two or "more than two" or "at least two" or another or additional or second or secondary or different or separate or respective or independent or individual or distinct) same (frequency or "f" or "freq"))	12063
┐	L94	L93 and (frequency or "f" or "freq")	24092
┐	L93	L92 and (two or "more than two" or "at least two" or another or additional or second or secondary or different or separate or respective or independent or individual or distinct)	30341
┐	L92	L1 and (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z" or raw)	31576
┐	L91	L90 and ((edge or peripheral or periphery or peripherally or outer or outside) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((first or primary or initial) same (frequency)))	6
┐	L90	L84 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	571

⌋	L89	L85 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	17
⌋	L88	L87 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	6
⌋	L87	L86 and (electron or "esr" or "epr")	36
⌋	L86	L85 and ((center or central or centrally or centered or middle or inner or inside) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((second or additional or another or secondary or auxiliary or different or separate) same (frequency)))	74
⌋	L85	L84 and ((edge or peripheral or periphery or peripherally or outer or outside) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((second or additional or another or secondary or auxiliary or different or separate) same (frequency)))	148
⌋	L84	L83 and (full or complete ot total or entire or entirety or fully or commpletely or totally or fill or filling or filled)	8483
⌋	L83	L82 and (proton or "h" or hydrogen or water or oil or lipid or fat "13" or "c" or carbon or nuclei or "h2O" or "h.sub.2O")	9049
⌋	L82	L81 and ((first and second or additional or another or primary or secondary or auxiliary or different or separate) same (time or read or domain or image or space or frequency))	9236
⌋	L81	L80 and ((first and second or additional or another or primary or secondary or auxiliary or different or separate) same (time or read or domain or image or space or frequency))	9236
⌋	L80	L79 and (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3)	10939
⌋	L79	L78 and (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z" or raw)	11059
⌋	L78	L77 and (edge or peripheral or periphery or peripherally or outer or outside)	71718
⌋	L77	L1 and (center or central or centrally or centered or middle or inner or inside)	130675
		<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>	
⌋	L76	L1 and (center or central or centrally or centered or middle or inner or inside)	123552
		<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>	
⌋	L75	('4789933'  '5270653'  '5402067'  '5485086'  '5539313'  '5604434'  '5652516'  '5758646'  '5910728'  '5912557'  '6020739'  '6215306'  '6272479'  '6288547'  '6400152'  '6483306'  '6801037'  '6933720'  '6937014'  '6937015'  '20030109781'  '20030216636'  '20040044280'  '20040260173'  '20050017717'  '20050033153'  '20050057249'  '20050074152')![pn]	28
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
⌋	L74	L73 and ((combining or combine or combined or add or adding or added or addition or suming or summation or summing or sumed or summed) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	1
⌋	L73	L13 and ((variable with density with spiral) or VDS)	1
⌋	L72	L45 and ((variable with density with spiral) or VDS)	3
⌋	L71	(L70 or L69 or L68 or L67)	17
⌋	L70	L66 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((first or primary or initial) same (frequency)))	6

L66 and ((center or central or centrally or centered or middle) same (portion or part or partly or

⌋	L69	partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((second or additional or another or secondary or auxiliary or different or separate) same (frequency)))	8
⌋	L68	L66 and ((center or central or centrally or centered or middle) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((first or primary or initial) same (frequency)))	4
⌋	L67	L66 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((second or additional or another or secondary or auxiliary or different or separate) same (frequency)))	12
⌋	L66	L65 and (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3)	426
⌋	L65	L4 and ((variable with density with spiral) or VDS)	426
⌋	L64	L57 and L55	1
⌋	L63	L58 and L59	2
⌋	L62	L61 and (substitute or substituting or substituted or substitution or exchanging or exchanged or exchange or interchange or interchanging or interchanged or inter-change or inter-changing or inter-changed or switch or switching or switched or switchably or switchable)	36
⌋	L61	L60 and (proton or "h" or hydrogen or water or oil or lipid or fat "13" or "c" or carbon or nuclei or "h2O" or "h.sub.2O")	41
⌋	L60	L59 or L58 or L57 or L55	41
⌋	L59	L53 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((second or additional or another or secondary or auxiliary or different or separate) same (frequency)))	8
⌋	L58	L53 and ((center or central or centrally or centered or middle) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((first or primary or initial) same (frequency)))	31
⌋	L57	L53 and ((center or central or centrally or centered or middle) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((second or additional or another or secondary or auxiliary or different or separate) same (frequency)))	34
⌋	L56	L53 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) ((second or additional or another or secondary or auxiliary or different or separate) same (frequency)))	0
⌋	L55	L53 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((first or primary or initial) same (frequency)))	8
⌋	L54	L53 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	3
⌋	L53	L52 and ((combining or combine or combined or add or adding or added or addition or suming or summation or summing or sumed or summed) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	74
⌋	L52	L51 and (transform or transformation or transforming or transformed or transformable or FT or FFT or DFT)	81

┐	L51	L50 and (combining or combine or combined or add or adding or added or addition or suming or summation or summing or sumed or summed)	95
┐	L50	L49 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	97
┐	L49	L48 and ((center or central or centrally or centered or middle) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	159
┐	L48	L47 and ((second or additional or another or secondary or auxiliary or different or separate) same (frequency))	4341
┐	L47	L20 and ((first or primary or initial) same (frequency))	5345
┐	L46	L45 and ((first and second or additional or another or primary or secondary or auxiliary or different or separate) same (frequency))	6
		<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>	
┐	L45	('5270653' '5402067' '20030216636' '20040044280' '20050017717' '20050033153' '20050057249')![pn]	7
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
┐	L44	L41 and (fetznr)	4
┐	L43	L41 and (substitute or substituting or substituted or substitution or exchanging or exchanged or exchange or interchange or interchanging or interchanged or inter-change or inter-changing or inter-changed)	13
┐	L42	L41 and (electron or "esr" or "epr")	5
┐	L41	L40 and ((center or central or centrally or centered or middle) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	84
┐	L40	L36 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	90
┐	L39	L38 and (electron or "esr" or "epr")	5
┐	L38	L37 and ((center or central or centrally or centered or middle) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	70
┐	L37	L36 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	75
┐	L36	L35 and (transform or transformation or transforming or transformed or transformable or FT or FFT or DFT)	123
┐	L35	L34 and ((combining or combine or combined or add or adding or added or addition or suming or summation or summing or sumed or summed) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	136
┐	L34	L33 and (combining or combine or combined or add or adding or added or addition or suming or summation or summing or sumed or summed)	152
		L32 and ((center or central or centrally or centered or middle) same (kspace or k-space or "k	

☐	L33	space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	152
☐	L32	L29 and ((edge or peripheral or periphery or peripherally) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	163
☐	L31	L29 and (electron or "esr" or "epr")	9
☐	L30	L29 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	5
☐	L29	L25 and ((first and second or additional or another or primary or secondary or auxiliary or different or separate) same (frequency))	229
☐	L28	L25 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	7
☐	L27	L26 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	2
☐	L26	L25 and (electron or "esr" or "epr")	12
☐	L25	L24 and (proton or "h" or hydrogen or water or oil or lipid or fat "13" or "c" or carbon or nuclei or "h2O" or "h.sub.2O")	330
☐	L24	L23 and ((full or complete ot total or entire or entirety or fully or completely or totally) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	338
☐	L23	L22 and ((portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	524
☐	L22	L21 and (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z")	1916
☐	L21	L20 and ((first and second or additional or another or primary or secondary or auxiliary or different or separate) same (time or read or domain or image or space or frequency))	29696
☐	L20	L19 and (time or read or domain or image or space or frequency)	35112
☐	L19	L5 and (first and second or additional or another or primary or secondary or auxiliary or different or separate)	35359
☐	L18	L17 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	2
☐	L17	L16 and (electron or "esr" or "epr")	12
☐	L16	L15 and (proton or "h" or hydrogen or water or oil or lipid or fat "13" or "c" or carbon or nuclei or "h2O" or "h.sub.2O")	324
☐	L15	L14 and ((full or complete ot total or entire or entirety or fully or completely or totally) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	332
☐	L14	L8 and ((portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	519
☐	L13	L12 and ((portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	5
☐	L12	L11 and ((full or complete ot total or entire or entirety or fully or completely or totally) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	9
☐	L11	L10 and (electron or "e")	227
	L10	L9 and (proton or "h" or hydrogen or water or oil or lipid or fat "13" or "c" or carbon or nuclei	235

<input type="checkbox"/>		or "h2O" or "h.sub.2O")	
<input type="checkbox"/>	L9	L8 and (hyper or hyper-polariz\$4 or hyperpolariz\$4 or hyperpolarization or hyper-polarization)	236
<input type="checkbox"/>	L8	L7 and (time or read or domain or image or space or frequency)	1991
<input type="checkbox"/>	L7	L6 and (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z")	1991
<input type="checkbox"/>	L6	L5 and (first and second or additional or another or primary or secondary or auxiliary)	34942
<input type="checkbox"/>	L5	L4 and (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3)	35490
<input type="checkbox"/>	L4	L3 and (full or complete ot total or entire or entirety or fully or commpletely or totally)	35870
<input type="checkbox"/>	L3	L2 and (edge or peripheral or periphery or peripherally)	43913
<input type="checkbox"/>	L2	L1 and (center or central or centrally or centered or middle)	111543
<input type="checkbox"/>	L1	((magnetic adj resonan\$2) or MRI or NMR)	257414

END OF SEARCH HISTORY

## Hit List

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Search Results - Record(s) 1 through 17 of 17 returned.

☐ 1. Document ID: US 20070110290 A1

L119: Entry 1 of 17

File: PGPB

May 17, 2007

PGPUB-DOCUMENT-NUMBER: 20070110290

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070110290 A1

TITLE: Devices Systems and Methods for Processing Images

PUBLICATION-DATE: May 17, 2007

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chang; Ti chiun	Plainsboro	NJ	US
He; Lin	Los Angeles	CA	US
Fang; Tong	Morganville	NJ	US

US-CL-CURRENT: [382/128](#); [382/280](#), [600/410](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Image
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☐ 2. Document ID: US 20060279282 A1

L119: Entry 2 of 17

File: PGPB

Dec 14, 2006

PGPUB-DOCUMENT-NUMBER: 20060279282

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060279282 A1

TITLE: System and method for magnetic resonance imaging

PUBLICATION-DATE: December 14, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Van Den Brink; Johan Samuel	Eindhoven		NL

US-CL-CURRENT: [324/309](#); [324/307](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Image
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☐ 3. Document ID: US 20030231018 A1

L119: Entry 3 of 17

File: PGPB

Dec 18, 2003



PGPUB-DOCUMENT-NUMBER: 20030231018  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030231018 A1

TITLE: Birdcage coils for simultaneous acquisition of spatial harmonics

PUBLICATION-DATE: December 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Willig-Onwuachi, Jacob D.	Brookline	MA	US
Brown, Robert W.	Solon	OH	US
Shvartsman, Shmaryu M.	Highland Heights	OH	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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4. Document ID: US 20030193332 A1

L119: Entry 4 of 17

File: PGPB

Oct 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030193332  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030193332 A1

TITLE: Magnetic resonance imaging method

PUBLICATION-DATE: October 16, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Shah, Nadim Joni	Juelich		DE

US-CL-CURRENT: 324/300; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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5. Document ID: US 20030076098 A1

L119: Entry 5 of 17

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030076098  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030076098 A1

TITLE: Imaging method

PUBLICATION-DATE: April 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Steinhoff, Sven	J?uuml;lich		US
Shah, Nadim Joni	K?ouml;n		DE

Zilles, Karl

DE

US-CL-CURRENT: 324/300; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMIC	Draw Desc	Image
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## 6. Document ID: US 20030057946 A1

L119: Entry 6 of 17

File: PGPB

Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030057946

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030057946 A1

TITLE: Imaging method

PUBLICATION-DATE: March 27, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Shah, Nadim Joni	Juelich		DE
Zaitsev, Maxim	Julich		DE
Zilles, Karl	Koln		DE

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMIC	Draw Desc	Image
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## 7. Document ID: US 20030042904 A1

L119: Entry 7 of 17

File: PGPB

Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030042904

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030042904 A1

TITLE: Imaging method and a device for processng image data

PUBLICATION-DATE: March 6, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wiese, Stefan	Koln		DE
Shah, Nadim Joni	Juelich		DE
Zilles, Karl	Koln		DE

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMIC	Draw Desc	Image
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## 8. Document ID: US 20010038284 A1

L119: Entry 8 of 17

File: PGPB

Nov 8, 2001

PGPUB-DOCUMENT-NUMBER: 20010038284

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010038284 A1

TITLE: Magnetic resonance tomography apparatus and method for generating a magnetic resonance image of a subject with different pulse sequences in K-space

PUBLICATION-DATE: November 8, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hahn, Rudolf	Roettenbach		DE

US-CL-CURRENT: 324/307; 324/309, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw Desc	Image
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## 9. Document ID: US 6891372 B2

L119: Entry 9 of 17

File: USPT

May 10, 2005

US-PAT-NO: 6891372

DOCUMENT-IDENTIFIER: US 6891372 B2

TITLE: Imaging method

DATE-ISSUED: May 10, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Steinhoff; Sven	Aachen			DE
Shah; Nadim Joni	Julich			DE
Zilles; Karl	Koln			DE

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Desc	Image
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## 10. Document ID: US 6794867 B1

L119: Entry 10 of 17

File: USPT

Sep 21, 2004

US-PAT-NO: 6794867

DOCUMENT-IDENTIFIER: US 6794867 B1

TITLE: Isotropic imaging of vessels with fat suppression

DATE-ISSUED: September 21, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Block; Walter F.	Madison	WI
Grist; Thomas M.	Madison	WI
Lu; Aiming	Madison	WI

US-CL-CURRENT: [324/307](#); [324/309](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMIC	Draw Desc	Image
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## 11. Document ID: US 6791321 B2

L119: Entry 11 of 17

File: USPT

Sep 14, 2004

US-PAT-NO: 6791321

DOCUMENT-IDENTIFIER: US 6791321 B2

TITLE: Birdcage coils for simultaneous acquisition of spatial harmonics

DATE-ISSUED: September 14, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Willig-Onwuachi; Jacob D.	Brookline	MA		
Brown; Robert W.	Solon	OH		
Shvartsman; Shmaryu M.	Highland Heights	OH		

US-CL-CURRENT: [324/309](#); [324/307](#), [324/318](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMIC	Draw Desc	Image
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## 12. Document ID: US 6707299 B2

L119: Entry 12 of 17

File: USPT

Mar 16, 2004

US-PAT-NO: 6707299

DOCUMENT-IDENTIFIER: US 6707299 B2

TITLE: Magnetic resonance imaging method

DATE-ISSUED: March 16, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shah; Nadim Joni	Linnich			DE
Zilles; Karl	Koln			DE

US-CL-CURRENT: [324/307](#); [324/309](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMIC	Draw Desc	Image
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## 13. Document ID: US 6483306 B2

L119: Entry 13 of 17

File: USPT

Nov 19, 2002

US-PAT-NO: 6483306

DOCUMENT-IDENTIFIER: US 6483306 B2

TITLE: Magnetic resonance tomography apparatus and method for generating a magnetic resonance image of a subject with different pulse sequences in K-space

DATE-ISSUED: November 19, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hahn; Rudolf	Roettenbach			DE

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw Desc	Image
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☐ 14. Document ID: US 6414487 B1

L119: Entry 14 of 17

File: USPT

Jul 2, 2002

US-PAT-NO: 6414487

DOCUMENT-IDENTIFIER: US 6414487 B1

TITLE: Time and memory optimized method of acquiring and reconstructing multi-shot 3D MRI data

DATE-ISSUED: July 2, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Anand; Christopher K.	Chesterland	OH		
Halamek; James A.	Independence	OH		
Steckner; C. Michael	Richmond Heights	OH		

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw Desc	Image
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☐ 15. Document ID: US 6400151 B1

L119: Entry 15 of 17

File: USPT

Jun 4, 2002

US-PAT-NO: 6400151

DOCUMENT-IDENTIFIER: US 6400151 B1

TITLE: Method and apparatus for the acquisition of data for magnetic resonance imaging

DATE-ISSUED: June 4, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Haase; Axel	97222 Rimpar			DE
Jakob; Peter M.	97074 Wurzburg			DE
Hillenbrand; Claudia	97720 Nudlingen			DE

Hahn; Dietbert

97273 Kurnach

DE

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RIMC	Draw Desc	Image
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## 16. Document ID: US 4912413 A

L119: Entry 16 of 17

File: USPT

Mar 27, 1990

US-PAT-NO: 4912413

DOCUMENT-IDENTIFIER: US 4912413 A

TITLE: Conjugate symmetry magnetic resonance imaging

DATE-ISSUED: March 27, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
DeMeester; Gordon D.	Wickliffe	OH		
Patrick; John L.	Solon	OH		
Holland; G. Neil	Chagrin Falls	OH		

US-CL-CURRENT: 324/312; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RIMC	Draw Desc	Image
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## 17. Document ID: WO 2005036197 A1

L119: Entry 17 of 17

File: EPAB

Apr 21, 2005

PUB-NO: WO2005036197A1

DOCUMENT-IDENTIFIER: WO 2005036197 A1

TITLE: SYSTEM AND METHOD FOR MAGNETIC RESONANCE IMAGING

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RIMC	Draw Desc	Image
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